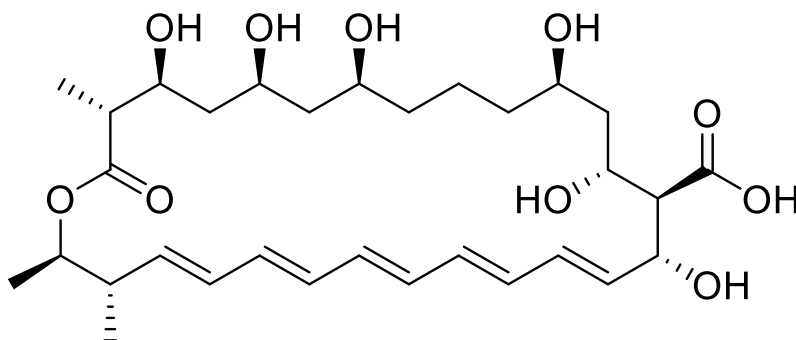


Strevertene A

Code No.: **BIA-S2927**

Pack sizes: **0.25 mg, 1 mg**



Synonyms :

Specifications

CAS #	: 235090-14-9
Molecular Formula	: C ₃₁ H ₄₈ O ₁₀
Molecular Weight	: 580.7
Source	: <i>Streptomyces</i> sp.
Appearance	: Yellow solid
Purity	: > 95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Strevertene A is a pentaene macrolide produced by *Streptoverticillium* first reported in 1999 by researchers at Wyeth. Strevertene A is potently active against *Fusarium* wilt on tomato plants and inhibits mycelial growth of *Alternaria mali*, *Aspergillus oryzae*, *Cylindrocarpon destructans*, *Colletotrichum orbiculare*, *Fusarium oxysporum* f.sp. *lycopersici*, and *Sclerotinia sclerotiorum*, at concentrations of 4-16 µg/mL.

References

1. Strevertenes, antifungal pentaene macrolides produced by *Streptoverticillium* LL-30F848. Schlingmann G. et al. *Tetrahedron* 1999, 55, 5977.
2. Absolute stereochemistry of the strevertenes. Guo J. et al. *Chirality* 2000, 12, 43.
3. Disease control effect of strevertenes produced by *Streptomyces psammoticus* against tomato *Fusarium* wilt. Kim J. et al. *J Ag Food Chem* 2011, 59, 1893.